

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
06007/37957Serial No.
09/980,060

INFORMATION DISCLOSURE STATEMENT

Applicant
John Andrew Timmins et alFiling Date
11/29/01Group
1723

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*Examiner Initials	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
RAH	3,794,583	8/28/72	Rhodes			
	4,061,573	12/6/77	Biron			
	5,178,778	1/12/93	Sachse et al			
RAH	5,718,015	2/17/98	Rohrbacher			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
RAH	DE 19549194		Germany			X	
	DE 3113227		Germany			X	
	DE 4200152		Germany			X	
	DE 9004019		Germany			X	
	2 128 495		UK				
	EP 531 586		EPO				
RAA	JP 043322742		JP				

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/980060
				Filing Date	November 29, 2001
				First Named Inventor	John A. Timmins
				Art Unit	1724
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	06007/37957

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
2/24	A	4,308,146	12-29-1981	Gagle et al.	
	B	4,588,505	05-13-1986	Walley et al.	
	C	4,601,825	07-22-1986	Eriksson	
	D	4,758,350	07-19-1988	Pitts et al.	
12/24	E	5,264,134	11-23-1993	McCamy	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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